

Message

From: Jones, Samantha [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EAC77FE3B20C4667B8C534C90C15A830-JONES, SAMANTHA]
Sent: 2/14/2017 3:24:19 AM
To: Jarabek, Annie [Jarabek.Annie@epa.gov]
Subject: RE: UPDATE (Feb 9) HHRA FY17 Q2 Highlights Briefing: Agenda & PACT Presentation

Hi Annie,

I took a quick look at the slides and see that radium is mentioned with Marc in R10. His interest was with uranium, unless he's got a new issue with radium (if so, we haven't heard about this).

Samantha J. Jones, Ph.D
Associate Director for Science, ORD/NCEA
Phone: (703) 347-8580

-----Original Appointment-----

From: Jarabek, Annie

Sent: Monday, January 30, 2017 6:05 PM

To: Jarabek, Annie; Vogel, Dana; Maguire, Megan; Richards, Matthew; Kraft, Andrew; Zhao, Jay; Washburn, Edward; Mazur, Sarah; Parsons, Christy; Snyder, Emily; Bussard, David; Hotchkiss, Andrew; Dinan, Janine; Hyman, Julie; Dzubow, Rebecca; Henry, Tala; Tucker, Nicole; OBrien, Wendy; Nichols, Tonya; Berg, Marlene; Kent, Ray; Frithsen, Jeff; Lambert, Jason; Taylor, Timothy; Scheifele, Hans; Hubbell, Bryan; Cybulski, Walter; Durkee, Stanley; Wesselkamper, Scott; Barnett, Felicia; Price, PaulS; Rieth, Susan; Small, Matthew; Dunn, Michael; Braverman, Carole; Wisner, Nathan; Roberts, Cindy; Shoaff, John; Hackett, Edward; Geroux, Nicholas; Burton, Terry; Bare, Jane; D'Amico, Louis; LaVay, Maggie; Lassiter, Meredith; McClain, Jennifer; Troyer, Michael; Bateson, Thomas; Raffaele, Kathleen; Reiley, Mary; Ohanian, Edward; Matchen, Irving; Hogan, Karen; McCullough, Melissa; Pekar, Zachary; Davis, Allen; Schultz, Laurel; Lang, Jamie; Hoyer, Marion; Blank, Valerie; Behl, Betsy; Gwinn, Maureen; Segal, Deborah; Stewart, Laura; Cai, Christine; Russo, Bill; Hetes, Bob; Saterson, Kathryn; West, Jeremy; Markwiese, James; Morris, Mark; Smith, Terry; Ramasamy, Santhini; Szaro, Jan; Moya, Jacqueline; Cooke, Maryt; Plotkin, Viktoriya; Burgess, Michele; Smith, Darcie; Tyler, Patti; Duncan, Bruce; Long, Tom; Phillips, Linda; McQueen, Jacqueline; Camacho, Iris; Mills, Jason; Cutt, Diana; Corona, Joel; Shao, Nicole; Costa, Dan; Miller, Gregory; Cowden, John; Klemick, Heather; Knizner, Steve; Vandenberg, John; Stroup, Gene; Rogers, John M.; Helm, Erik; Maurice, Charles; Burden, Susan; Gonzalez, Daniel; Jones, Ashley; Stanek, John; Tracy, Tom; Rodan, Bruce; Kenneke, John; Daniels, Alva; Sandiford, Vicki; Kirk, Andrea; Lackey, Leila; Stewart, Michael; Patel, Molini; Jacobs, Brittany; Williams, Antony; Albert, Ryan; Fleming, Megan; Brown, James; Firestone, Michael; Weiss, Steven; McGartland, Al; Fegley, Robert; Shannon, Teresa; Morton, Michael; Johnson, Maureen; Grimm, Anthony; Drumm, Heather; Guiseppi-Elie, Annette; Benson, William; Dockins, Chris; Baugh, Thomas L; Orme-Zavaleta, Jennifer; Tewolde, Salina; Thomas, Russell; Lowit, Anna; Cantilli, Robert; Frame, Alicia; Bierwagen, Britta; Crofton, Kevin; Foos, Brenda; Housenger, Jack; Williams, Joe; Dawson, Jeffrey; Druwe, Ingrid; Subramaniam, Ravi; Vette, Alan; Schappelle, Seema; Lipscomb, John; Jones, Samantha; Sayles, Gregory; Dymont, Stephen; Hodes, Colette; Keigwin, Richard; Flowers, Lynn; Kadry, Abdel-Razak; Frederick, Tim; Grissom, Gregory; Hollingsworth, Terri; Cuje, Jace; Rea, Chris; Smith, Charles; Dutton, Steven; Axelrad, Daniel; Morozov, Viktor; Garrahan, Kevin; Cascio, Wayne; Geller, Andrew; Birchfield, Norman; Sams, Reeder; O'Mara, Kate; Groskinsky, Brenda; Scozzafava, MichaelE; Sinks, Tom; Benner, Tim; Berolzheimer, Benjamin; Hubal, Elaine; White, Hal; Greenberg, Marc; Kavlock, Robert; Landy, Ronald; Kaiser, Jonathan; Noyes, Pamela; Bailey, Ken; Wright, Michael; Lynch, Kira; Franzosa, Jill; O'Brien, Bridget; Kapuscinski, Rich; Hewitt, Julie; Kim, Jina; Euling, Susan; Morris, Jeff; Woodall, George; Barone, Stan; Hirtz, James; Strong, Jamie; Sargeant, Kathryn; Bacanskas, Lisa; Hagel, Bill; Hillger, Robert; Ross, Mary; Dannel, Mimi; Foster, Stiven; Hofmann, Lee; Thayer, Kris; Bahadori, Tina; Hassett-Sipple, Beth; Sonich-Mullin, Cynthia; Palma, Ted; Weber, Robert; Baxter, Lisa; Hawkins, CherylA; Linnenbrink, Monica; Bass, Nikki; Sasser, Erika; Slimak, Michael; Hawkins, Belinda; Zaragoza, Larry; Kim, Hyon; Cote, Ila; Rimer, Kelly; Gaines, Linda;

Rodia, Monica; Rice, Glenn; Mazza, Carl; Sarsony, Chris; Hines, Ronald; Hauchman, Fred; Farrar, David; Hagerthey, Scot; Smith, Kelley; Oshida, Phil; Gatchett, Annette; Richmond-Bryant, Jennifer; Avery, James; vanDrunick, Suzanne; O'shea, Marie; Fox, John; Berner, Ted; Carroll, Ann; Blessinger, Todd; Lavoie, Emma; Wesson, Karen

Cc: Reyes, Jeanette; Peterson, Jeff; Metchis, Karen

Subject: UPDATE (Feb 9) HHRA FY17 Q2 Highlights Briefing: Agenda & PACT Presentation

When: Tuesday, February 14, 2017 3:30 PM-5:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: Webinar URL provided

Importance: High

Hello and Happy New Year HHRA partners

Please find the agenda and the PACT presentation attached.

Another presentation file on the project reports will be provided on February 14 as the final reminder to join us.

Per our promise at the FY16 Q1 briefing (November 15, 2016), our FY17 Q2 briefing on



February 14th for Q2 will be your Valentine from the HHRA program!

Please note that this is the email to save the date and will be the first of three coming your way today to save Q3 and Q4 entries on your calendars as well.

As discussed at the last quarterly briefing and during the HHRA Portfolio and PACT Launch briefings held this summer, the HHRA program will provide these highlight meetings in each quarter with all HHRA program partners together. The briefings begin with a "science spotlight" feature presentation and then provide highlights of progress on products in the 9 projects of our HHRA FY16-19 research portfolio.

The "science spotlight" in Q2 will be provided by Dr. Paul Price of NERL entitled "*New Findings on Cumulative Phthalate Exposure Using NHANES Biomonitoring Data*". This represents work in progress on one of the products in Project 6 (HHRA 3.23) – Cumulative Risk Assessment (CRA) Methods and Applications. A short abstract follows below:

A screening cumulative risk assessment was performed for six phthalates using biomonitoring data from the most recent NHANES cycle (2013 and 2014). These data address exposures in adults and children ages six years and older. Toxicity values used in the assessment were taken from Christensen and Lorber (2014) and CPSC (2010). The assessment found that 0.7% of the

surveyed individuals had body burdens of potential concern (HI values greater than 1). The phthalates that were the most frequent drivers of large HI values were DEHP and its replacement DINP. A comparison to earlier cycles of NHANES we found a seven-fold drop in the number of individuals with HI values greater than 1. This was largely due to decreases in DEHP exposures over this time period. Future declines are not expected because DINP has become the major driver for HI values greater than 1 and DINP levels are rising over time. These finding may change if different toxicity values are used in the assessment. Individuals with HI values greater than 1 had exposures that were dominated by exposure to a single phthalate. The finding that a single phthalate dominates individual's exposures occurs because of the underlying pattern of exposures and is largely independent of the choice of toxicity values. These finding may not be relevant for infants and children under the age of six if those populations have different exposures then older children.

The presentation will be via webinar at the following

URL: **Ex. 6 Personal Privacy (PP)**

Call in number: **Ex. 6 Personal Privacy (PP)**

Confirm code:

Although there was a technical difficulty with the recording of the November 15, 2016 (FY16 Q1) briefing, we do hope to be able to record the briefing for those who will be unable to join us.

John Vandenberg, HHRA National Program Director (NPD)
Annie Jarabek, HHRA Deputy NPD